

इंटरनेट

मानक

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Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 10408 (1983): Spatula, Eye, Green's Pattern [MHD 5: Ophthalmic Instruments and Appliances]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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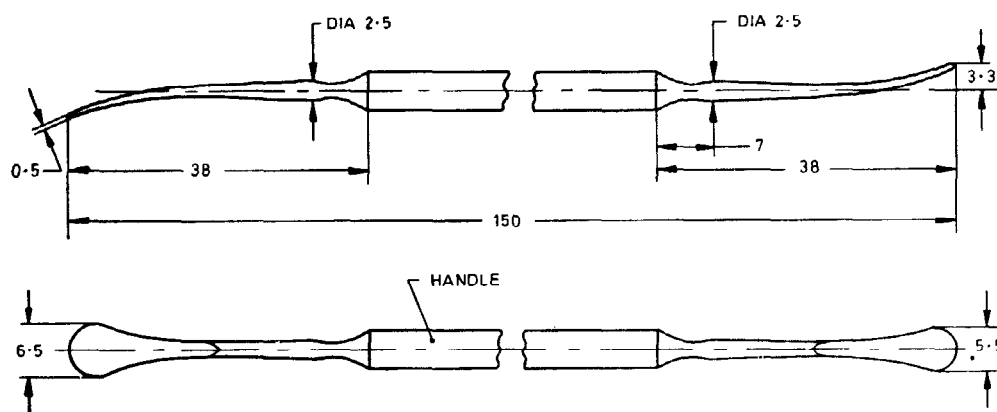


Indian Standard

SPECIFICATION FOR SPATULA, EYE, GREEN'S PATTERN

1. Scope — Covers requirements for Green's pattern spatula used in eye surgery.

2. Shape and Dimensions — Shall conform to Fig. 1.



All dimensions in millimetres.

FIG. 1 SPATULA, DOUBLE-ENDED, GREEN'S PATTERN

2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.

3. Material

3.1 Spatula Blades — Shall be made of stainless steel conforming to Designation 20Cr13 or 30Cr13 of IS : 6603-1972 'Specification for stainless steel bars and flats'.

3.2 Handle — Shall conform to IS : 7783-1981 'General requirements for handles, instruments, eye surgery (first revision)'.

4. Requirements — Spatula shall be free from burrs, pits, cracks, and other surface defects. Edges shall be even and rounded. The working end shall be fixed to Type H3 handle conforming to IS : 7783-1981 either by screw or soldering or by push fitting and silver soldering. The soldering of the shank to the handle shall be neat and sound. Spatula shall be polished bright and passivated. The blades of the spatula shall be uniformly hardened and tempered.

5. Hardness — 430 to 490 HV.

6. Corrosion Resistance Test — The instrument shall satisfy the boiling and autoclaving test as specified in IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'.

7. Marking — Each spatula shall be legibly and indelibly marked with the manufacturer's name, initials or trade-mark.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

8. Packing — As agreed to between the purchaser and the supplier.

Adopted 31 January 1983

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